

## Material Safety Data Sheet MONOBIND SBR

### 1: PRODUCT AND COMPANY IDENTIFICATION

**Product Name:** MONOBIND SBR  
**Chemical Family:** Liquid polymer bonding agent for cement containing mixes  
**Manufacturer:** Starke Construction Chemicals  
Tel. +256 787 288 087  
**Email:** info@starkepolymers.com  
**Website:** www.Starke polymers.com

### 2: COMPOSITION / INFORMATION ON INGREDIENTS

**Composition:** Styrene butadiene polymer, water.  
**Hazardous Ingredient(s):** None of the ingredients of this product are classified as hazardous.  
Refer to Section 8 for Occupational Exposure Limits.

### 3: HAZARDS IDENTIFICATION

**Hazard Information:** No significant hazard.

### 4: FIRST AID MEASURES

**Eyes:** Irrigate with copious quantities of water for 5 minutes.  
**Skin:** Wash thoroughly with water.  
**Inhalation:** Remove from exposure unlikely to occur.  
**Ingestion:** No adverse affect anticipated by this route of exposure.

### 5: FIRE FIGHTING MEASURES

**Flash Point:** None not flammable  
**Special Exposure Hazards:** Material can splatter above 100°C. Polymer film can burn.  
**Extinguishing Media:** Carbon dioxide, powder, foam.  
**Personal Protective Equipment:** Self-contained breathing apparatus.

### 6: ACCIDENTAL RELEASE MEASURES

**Personal Precautions:** Wear suitable protective clothing, gloves and eye/face protection  
**Environmental Precautions:** Prevent entry into drains, sewers and water courses.  
**Decontamination Procedures:** contain with dike, recover if possible or divert to pond and allow to dry.

### 7: HANDLING AND STORAGE

**Handling:** Good general ventilation should be sufficient for most conditions.  
**Storage:** Store in cool and dry area in temperature below 40°C. Protect from frost.

### 8: EXPOSURE CONTROLS AND PERSONAL PROTECTION

**Eye contact:** Safety glasses/goggles.  
**Skin contact:** Impervious gloves (e.g. PVC).  
**Ingestion:** Prevent eating, drinking or smoking in the area of product use.

**Respiratory Protection:** In case of insufficient ventilation wear suitable equipment.

**Engineering controls:** Good general ventilation should be sufficient for most conditions.

**Exposure Guidelines:** None assigned.

### 9: PHYSICAL AND CHEMICAL PROPERTIES

**Form:** Liquid  
**Colour:** White  
**Odour:** Slight /faint  
**pH (concentrate):** 9-10  
**Boiling Point (°C):** 100  
**Flash Point (closed cup) (°C):** None  
**Autoflammability (°C):** None determined  
**Explosive Properties (%):** Not known  
**Vapor Pressure (KPa @20°C):** 2.3 (water)  
**Relative Density (@27°C):** 1.0  
**Water Solubility:** Miscible

### 10: STABILITY AND REACTIVITY

**Stability:** Stable  
**Conditions to Avoid:** Temperature below 2 °C  
**Chemical Incompatibility:** none unknown

## 11: TOXICOLOGICAL INFORMATION

The following toxicological assessment is based on knowledge of the toxicity of the product's components. Expected oral LD50, rat > 2000 mg/kg.

### Health Effects

**On Eyes:** May cause transient irritation.

**On Skin:** Unlikely to irritate on brief occasional exposure.

**By Inhalation:** Low volatility makes inhalation unlikely at ambient temperatures.

**By Ingestion:** Low order of acute toxicity.

## 12: ECOLOGICAL INFORMATION

**Environmental Assessment:** When used and disposed off as intended, no adverse environmental effects are foreseen.

**Mobility:** Mobile liquid. Miscible in water

**Degradability:** Inherently biodegradable.

**Bioaccumulation:** Not expected to be bioaccumulative.

**Acute Fish Toxicity:** Expected to be ecotoxic to fish/daphnia/algae.

## 13: DISPOSAL CONSIDERATION

**Disposal must be in accordance with local and national legislation.**

**Unused Product:** Dispose off in an approved manner. Do not empty into drains, sewers or water courses.

**Used/Contaminated Product:** As for unused product.

**Packaging:** May be steam cleaned and recycled.

## 14: TRANSPORT INFORMATION

This product is **not** classified as dangerous for transport.

## 15: REGULATORY INFORMATION

**Hazard not Data:**

This product is not classified as dangerous for transport.

### Disclaimer:

The information contained herein is derived from the best available sources and is believed to be accurate. However, no guarantee is expressed or implied regarding the accuracy of the data given in the use of this product.



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